

## Issue: Wildlife Disturbance - Gulf of the Farallones NMS

revised 3/21/03

**Problem Statement:** The pressure on marine resources continues to grow as the human population increases around coastal areas and access to nearshore and offshore environments becomes easier. Of specific concern to GFNMS are wildlife disturbances associated with: fishing and collecting in tidepools and mudflats; trampling of the intertidal; impacts from hikers and beach users, dogs, boaters, and kayakers on birds and marine mammals; entanglements; acoustic impacts; overflights; and activities associated with increasing ecotourism and the use of attractants or chumming (e.g. interactions with White sharks and researchers).

GOAL (what)	OBJECTIVE/STRATEGY (what)	OUTCOME/ACTION (how)
To lessen or eliminate, and remedy impacts on the living marine resources of the Sanctuary and their habitats by encouraging responsible human behavior.	<ol style="list-style-type: none"><li>1. establish conservation objectives for wildlife viewing</li><li>2. evaluate levels and sources of impacts on wildlife and habitats</li><li>3. address human behavior that is impacting wildlife and habitats</li></ol>	<p><b>Education/Outreach</b></p> <ol style="list-style-type: none"><li>3a. identify appropriate audiences</li><li>3b. outline information/message to be communicated to target audience(s)</li><li>3c. identify outreach tools to be used to target audiences</li><li>3d. develop outreach program about Sanctuary regulations (to agencies and general public)</li></ol> <p><b>Research/Monitoring</b></p> <ol style="list-style-type: none"><li>2a. research human activities occurring in the GFNMS that may be impacting Sanctuary resources</li><li>2b. monitor specific sensitive wildlife populations and their habitats</li></ol> <p><b>Marine Resource Protection</b></p> <ol style="list-style-type: none"><li>1a. develop conservation objectives in coordination with other west coast sanctuaries that are consistent with watchable wildlife standards</li><li>1b. propose regulatory action if appropriate</li></ol> <p><b>Enforcement</b></p> <ol style="list-style-type: none"><li>3e. evaluate need and build framework for interpretive enforcement plan</li></ol> <p><b>Administration</b></p> <ol style="list-style-type: none"><li>3f. develop indicators of success to measure changes in human behavior</li></ol>